

ABSTRACT OF THE DISCLOSURE

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An address structure in mobile communications network facilitating routing of a packet. At the initial position of the address, is located a prefix or the like indicating the type of the address structure, which indicates the present mobile communications network system, for example. At the next position, a location address (LA) is located characterizing the present invention. The location address is usually placed at the position of a subnetwork address. The location address (LA) is provided for each mobile switching system, and constitutes part of an IP address of a user using a mobile station under the control of the mobile switching system. At the final position, is located a user identifier (user ID) which is used for identifying a user, and is provided uniquely for each user. The IP address in accordance with the present invention can be split into the foregoing three sections, part of which includes the location address and user identifier indicating the location of the mobile station in the mobile communications network, thereby enabling the identification of the user in the mobile communications network system and the control of the packet transmission.